

Haier

COLOUR TV RECEIVER

OWNER'S MANUAL

Please read this manual carefully before operating the unit, and keep it for future reference.

The Owner's Manual for the Follow Models:
21F9D, 21T9D, 21F9K, 21F5A, 21T5A,
21FA1, 21TA1, 21T9D(D), 21T9D(S),
21T9D(B) , 21FA11, 15F6B, HT-3768,
HT-3728, 21FA1N, 21FA12, 21SF1N

CONTENTS

Before Operation

Warning and Cautions.....	2
Installation	3
Antenna connection	3
Preparation for the remote control	3
Position of keys and plug-ins	4
Front and side panel	4
Back panel	5
Using the remote control(1)	6
Using the remote control(2).....	7

Basic Operation

Power on and power off	8
Viewing TV programs	9
Viewing TV programs	9
Program scan and screen display	10
Saving mode favorite program	11
Tuning	12
Automatic search	12
Manual search	13
MFT	14
Skip	15
Adjusting the picture and the sound.....	16
Multiple picture modes	16
Multiple sound modes and setting the sound	17
S.C.C, auto off and mute	18
Setting the Timer	19
Timer off	19
Sleep timer and on timer	20
Channels appointment.....	21
Setting the other function	21
3A filter and screen protection	22
Curtain function, calendar display	23
Channel exchange.....	24
Setting the Lock	25
Changing your password	25
Setting the Lock	26
Game.....	27
Game control buttons and method of playing the game.....	27

Technical operation

Connecting Additional Equipments	28
--	----

Others

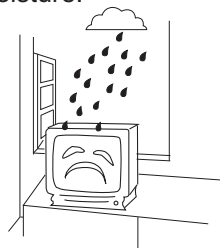
Troubleshooting	29
Specifications	30

Warning and Cautions

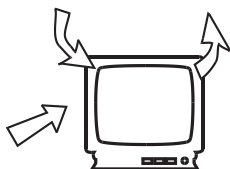
1. When you clean the TV set, please pull out the power plug from AC outlet. Don't clean the cabinet and the screen with benzene, petrol and other chemicals.



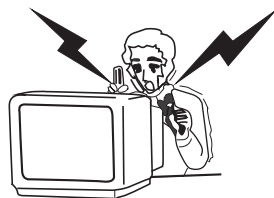
4. To prevent the TV set from firing and electric shock, don't expose the TV set to rain or moisture.



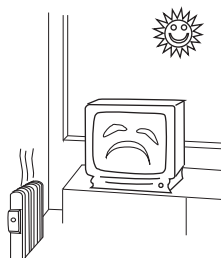
2. In order to prolong the using life of the TV set, please place it on a ventilated place.



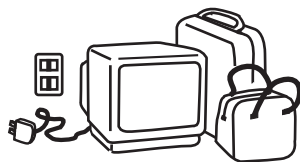
5. Don't open the back cover, otherwise it is possible to damage the components in the TV set and harm you.



3. Don't place the TV set in the sunshine or near heat source.



6. When the TV set isn't going to be used for long time or it is in thunder and lightening, please pull out the plug from AC outlet and the antenna plug from the cover of the TV set.



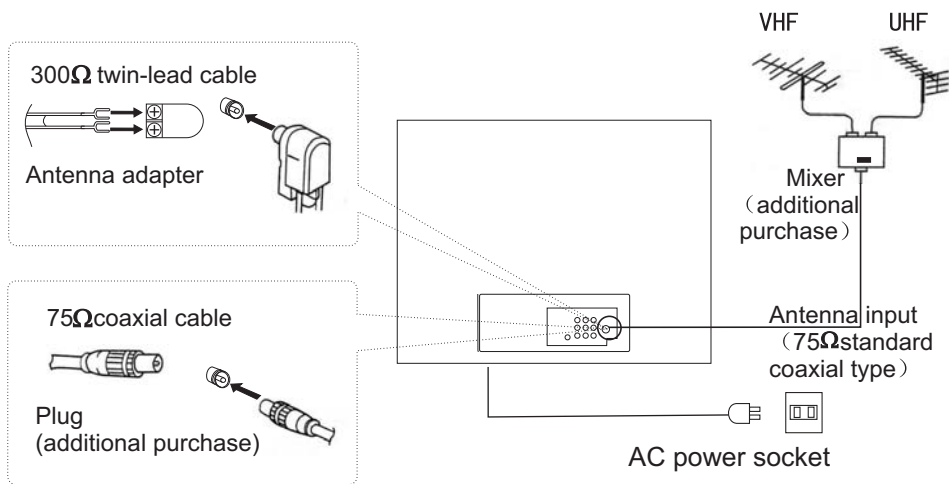
Explanation on the display tube

In general, it is not needed to clean the tube surface. However, necessary, it's surface can be cleaned with a dry cotton cloth after cutting off the power. Don't use any cleanser. If using hard cloth, the tube surface will be damaged.

Installation

Antenna connection

Generally speaking, to enjoy a clearer picture, we recommend that you use a CATV system or an outdoor antenna. In different places, the suitable antenna type and position are different.



Note:

- * It is recommended that you'd better use 75Ω coaxial cable to remove the disturbance caused by airwave.
- * Don't bind antenna cable and electric wire together.

Preparation for the remote control

Battery installation

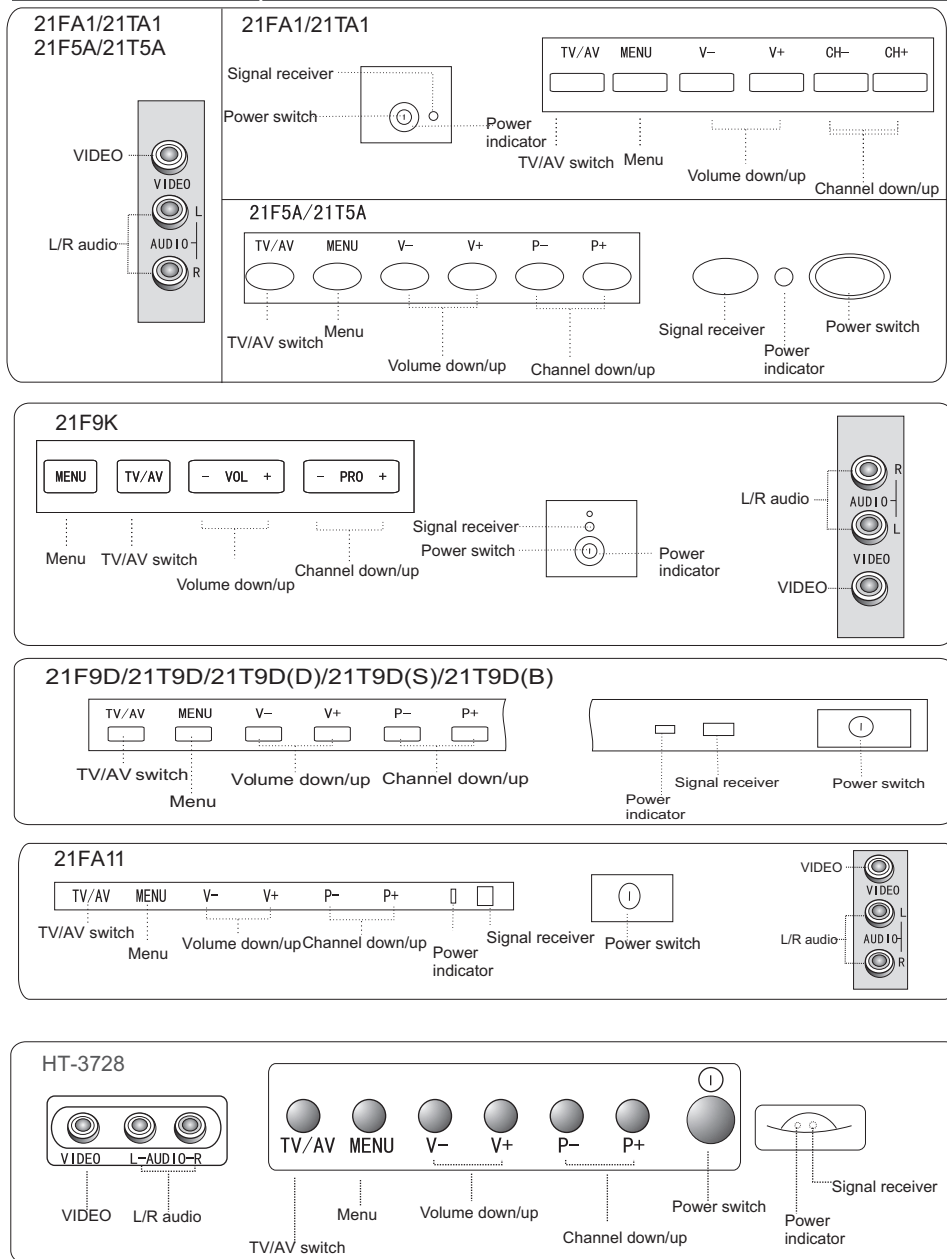
- Remove the batteries cover.
- Insert two size AA batteries matching the +/- polarities of the battery to the +/- marks inside the battery compartment.

Tips for remote operation

- The battery life should be about one year under normal use.
- If the remote control will not be used for a long period of time or when the batteries are worn out, remove the batteries to prevent leakage.
- Do not throw the batteries into fire. Dispose of used batteries in the specified manner.
- Do not drop, dampen or disassemble the remote control.

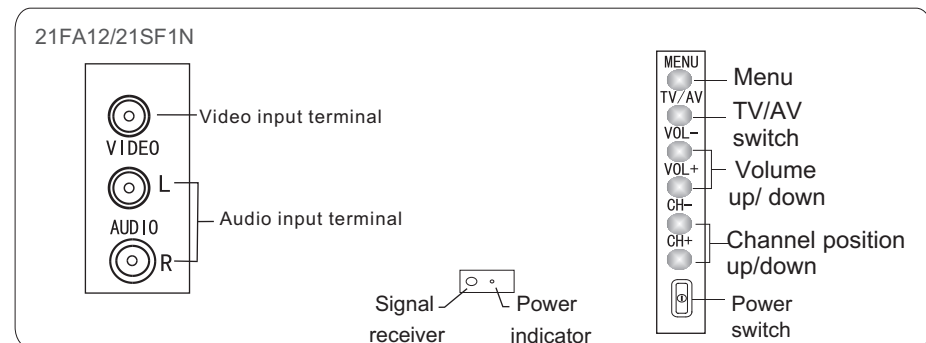
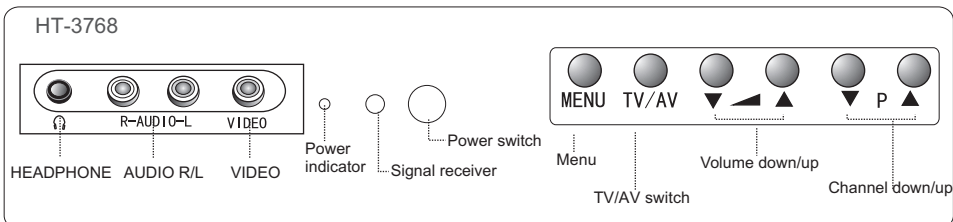
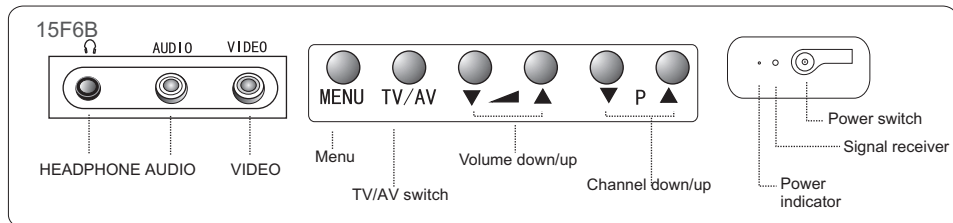
Position of Keys and Plug-ins

Front and side panel



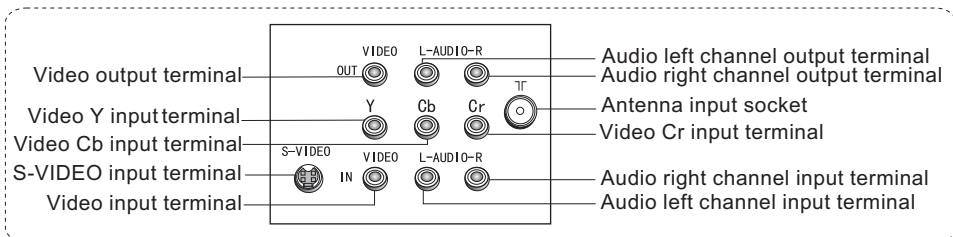
Position of Keys and Plug-ins

Front and side panel



Note: Please do not use the side(front) and back AV terminals simultaneously.

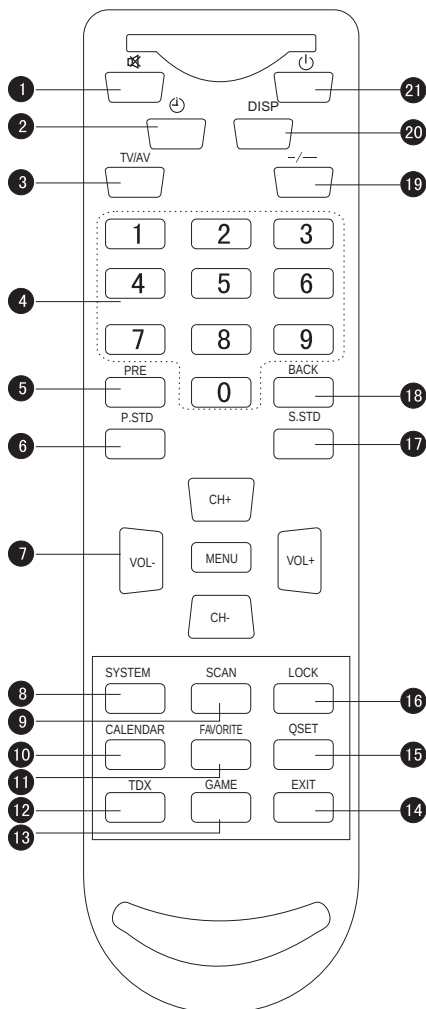
Back panel



Note: The audio channel in some models does not have the function of stereo.
S-VIDEO and AV output terminals are only available in some models.
The terminals above are just for reference, please see the real.

Using the Remote Control(1)

Buttons and Descriptions



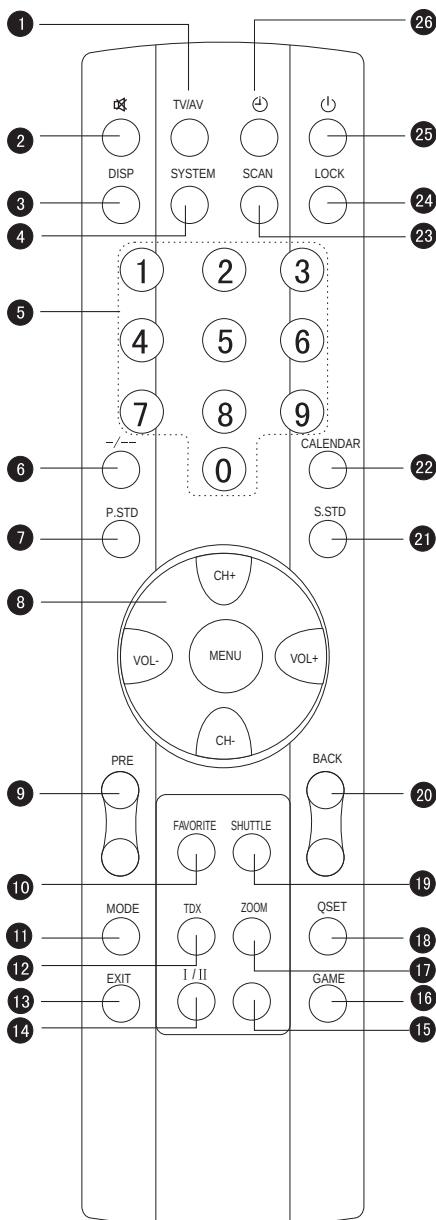
Remote Control(1)

- 1 Mute Button
Press to conceal the sound of programs.
- 2 Sleep Timer Button
- 3 TV and AV Exchange Button
To exchange between TV and other available video inputs
- 4 Direct-digit Choosing Button
Directly select channel numbers
- 5 Program Play-forward Button
- 6 Picture Mode Select Button
There are DYNAMIC, STANDARD, MILD, MEMORY, PICTURE MUTE and COLOR MUTE six modes of picture.
- 7 Menu Select/Adjust Button
Use this button to adjust the menu, the volume and the channels, as well as to control the game.
- 8 System Adjust Button
- 9 Program Scan Button
- 10 Calendar
- 11 Favorite program button
- 12 No available
- 13 Start/Restart Game Button
- 14 Game Exit Button
- 15 Saving mode on/off button
- 16 Lock Setting button
- 17 Sound Mode Select Button
- 18 Program Play-backward Button
- 19 Digit Select Button
Change the channel position number between one digit, two-digit and three-digit.
- 20 Screen Display Button
- 21 DC Standby Button

NOTE: Remote Control(1) on this page and Remote Control(2) on page 7 are for the different models.

The instructions on this manual is just take Remote Control(2) for example. Just see your real set and the instructions on the manual for references.

Using the Remote Control(2)



Remote Control(2)

Buttons and Descriptions

- 1 TV and AV Exchange Button
To exchanger between TV and other available video inputs
- 2 Mute Button
Press to conceal the sound of programs.
- 3 Screen Display Button
- 4 System Adjust Button
- 5 Direct-digit Choosing Button
Directly select channel numbers
- 6 Digit Select Button
Change the channel position number between one digit, two-digits and three-digits.
- 7 Picture Mode Select Button
There are DYNAMIC, STANDARD, MILD, MEMORY, PICTURE MUTE and COLOR MUTE six modes of picture.
- 8 Menu Select/Adjust Button
Use this button to adjust the menu, the volume and the channels, as well as to control the game.
- 9 Program Play-forward Button
- 10 Favorite program button
- 11 Game Background Select Button
- 12 No available
- 13 Game Exit Button
- 14 No available
- 15 No available
- 16 Start/Restart Game Button
- 17 Change the aspect ratio
- 18 Saving mode on/off button
- 19 Shuttle button
- 20 Program Play-backward Button
- 21 Sound Mode Select Button
- 22 Calendar
- 23 Program Scan Button
- 24 Lock Setting button
- 25 DC Standby Button
- 26 Sleep Timer Button

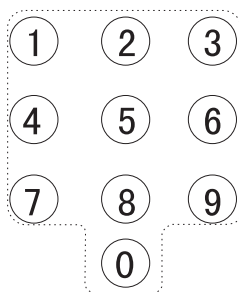
Power On and Power Off

- Below are methods on how to power on/off the TV set with the switches on the TV and on the remote control.

Power on/off



DC Standby Button



Direct-digit Choosing Button

Connect/disconnect to the power

1. Connect the power supply wire, then press power switch button, the power indicator will light, in several seconds the picture will appear on the screen.

2. If the TV is in the state of standby, press the ⏻ button on the remote control.

NOTE

1. You can also press the 0-9 button to call off the standby status instead of pressing the DC Standby button. Press the digit button of the preset channel (limited to one digit), you can complete the selection of channel while you turn on the TV set(To operate the preset of TV channel, please see TUNING on page 11-14).
2. When you do not use the remote control, you can directly press the CH+/- button on the television to call off the standby status.

1

3. Press the ⏻ button on the remote control to get into the standby state.

4. Press the ⏻ button on the TV set to completely turn off the TV.

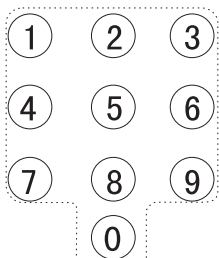
Power supply auto-off function

When the B.B(black background) is set ON, and there is no signal, **Haier** screen protection works, and, in 15 minutes later without any operation, it will change into standby status.

Viewing TV Programs

- The channels amount to 218 .

Viewing TV programs



Direct-digit Choosing button



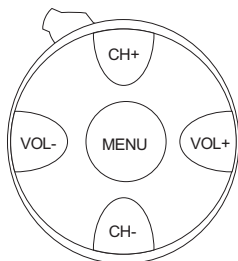
Digit Select button

PRE

BACK



SYSTEM



How to select the TV program

1. Use the direct-digit choosing button
 - Press the button from 0-9 to select a one digit channel.
 - If you want to select a two-digit channel, press the Digit Select button and change it into two-digit mode, then press the number of the channel.
 - If you want to select a three-digit channel, press the Digit Select button and change it into three-digits mode, then press the number of the channel.
 - If the channel position number you select is larger than 218, the TV will use the first two number as the channel position.
2. Use CH+/- button
 - Press CH+ to increase the channel position number.
 - Press CH- to decrease the channel position number.
3. Use PRE button and BACK button
 - Press PRE button, you can go back to the channels you viewed (as many as four).
 - Then, press BACK button, you can return to the channels you were watching just now (as many as four) .
 - For example, if you have viewed channel 1,2,3,4,5,6 after the TV is powered on, and the channel you are watching now is number 7, then press PRE button, you can view channel 6,5,4,3, and you may press the Back button to return to channel 7.

Choose the proper volume you like

Press VOL+/- button to adjust the volume.



If the color of one channel is abnormal

It might be because the color has been set improperly. You may follow the instruction below to adjust it. Press SYSTEM button, and you can see the form.

- If the color of the picture is abnormal Press CH+/- button, and move the indicator to COLOR, and press VOL+/- button to select the proper color(AUTO, NTSC3.58,NTSC4.43 and PAL will appear alternately). Generally, please set to AUTO.

- If the sound is abnormal Press CH+/- button, and move the indicator to SOUND, and press VOL+/- button to select the proper sound. (If there is only one sound system for your country, the sound system may not be adjust)

Viewing TV Programs(continued)

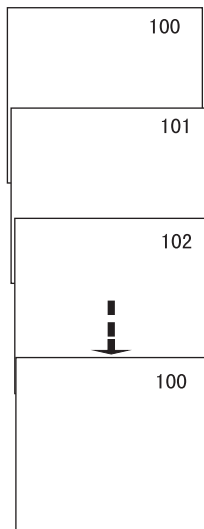
- Program scanning function is to let the television automatically scan all preconcerted channel program(about two seconds per channel).

Program scan and screen display



Program scanning function

1. If you want to scan the programs and select your favorite channel , just press the SCAN button, then the television will start scanning from the present channel with a rate of two seconds per channel and until all the preconcerted programs have been displayed once, the TV set will return to the starting channel.



2. If you want to terminate this function during the scanning, press the SCAN button again, and the program will stay at the present channel.

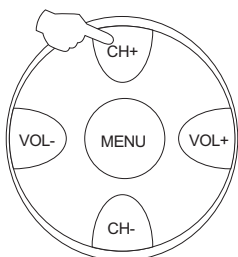


Screen display

Usually, when you press the DISP button, the channel number will appear on the top right corner of the screen and press it twice, the count time will also appear on the screen.

Viewing TV Programs(continued)

Saving mode.favorite program



QSET



FAVORITE



Saving mode

1. Using the QSET button

- Press the QSET button to switch the saving mode on/off. And the screen will display on/off at the same time.
- Press the QSET button more than 3 seconds to call the ENERGY SAVE menu .

2.Press VOL+/- and CH+/- to settle the options of AMBI-LUM/ AMBI-SND, after this select the adjust option and press VOL+/- to adjust the bright/volume etc to achieve the better picture and sound effect .

ENERGY	SAVE
AMBI-LUM	BRI.
AMBI-SND	NOISE
ADJUST	→
SELECT ↑↓	ADJUST ←→

Note: If the saving mode is on, the buttons P.STD and S.STD will not work

Favorite program setting

Press FAVORITE button for long time to enter the menu as right figure. Press CH+/- to select the favorite program and VOL+/- to adjust the channel. You could set 8 favorite programs.

After the setting, press FAVORITE button to select your favorite channel you have set .

FAV.POS

1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9

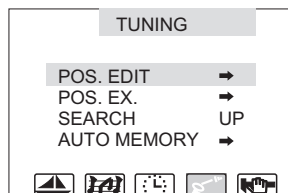
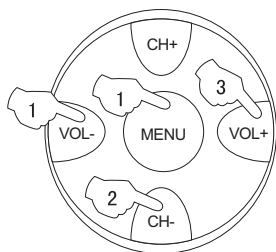
Tuning

- There are three ways of searching: automatic search, manual search and MFT (manual fine tune).
- You may operate it either on the TV or on the remote control. Here is mainly about the remote control.

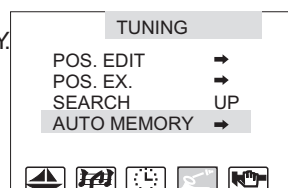
Automatic search

Automatic search

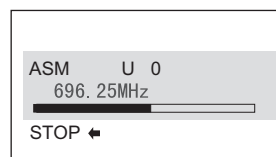
1. Press MENU button continuously, until select TUNING menu.



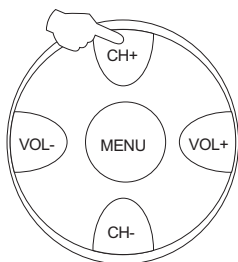
2. Press CH+/- button to move the indicator to AUTO MEMORY.



3. Press VOL+, then AUTO MEMORY mode will work. The TV set will search automatically all available programs then all available programs will be stored in turn and the TV set will return to the first channel.



- If you want to stop the search, just press VOL- button.
- The order of the automatic search is due to the frequency of the program, generally speaking, it is used only at the first time you search the program, and once the order of the program has been confirmed, you don't have to use this function, otherwise the order of the program will be changed.

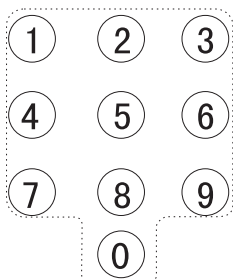
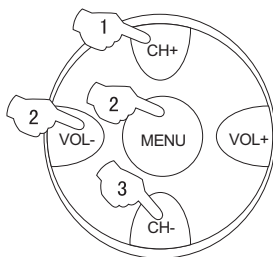


After searching

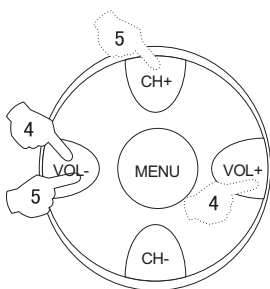
- Press CH+/- button to check the channels.
- If the color is abnormal in a certain channel, it may be the color system has not been set properly, so you should adjust it to the proper system (Reference to page 7).

Tuning(continued)

Manual search



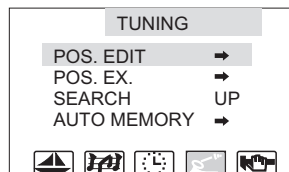
Direct-digit Choosing Button



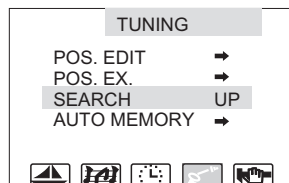
Manual search

1. Press CH+/- button or the Direct-digit Choosing button to select a channel directly (take channel 1 for example).

2. Press MENU button continuously, until select TUNING menu.



3. Press CH+/- button and move the indicator to SEARCH.

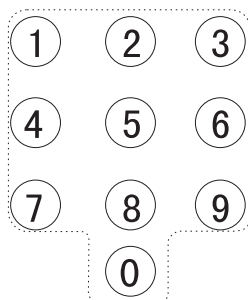
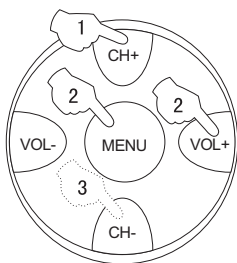


4. Press VOL+/- button to start searching.

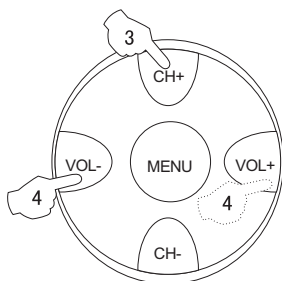
VOL- button is used to search the lower frequency channel.
VOL+ button is used to search the higher frequency channel.
Repeat the steps until you find the channel you need.

Tuning(continued)

MFT



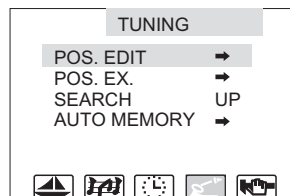
Direct-digit Choosing Button



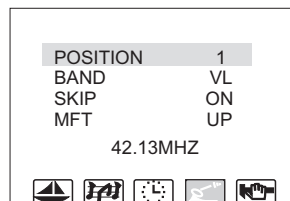
MFT(manual fine tune)

When you can't get a satisfactory picture and audio effect, you can fine tune to obtain.

1. Press MENU button continuously, until select TUNING menu.



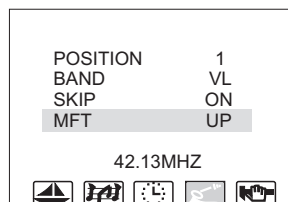
2. Press CH+/- button to select POS EDIT and VOL+ to enter.



3. Press CH+/- button to select POSITION and VOL+/- to select the channel (Take channel 1 for example)

Note: the same way to adjust the BAND, and VL/VH/U will appear alternatively..

4. Press CH+/- button and move the indicator to MFT.

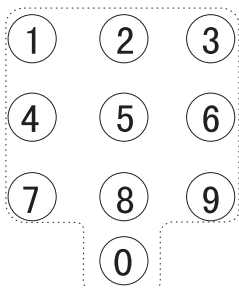


4. Press VOL+/- button repeatedly to fine tune, until the picture and the sound become satisfactory.

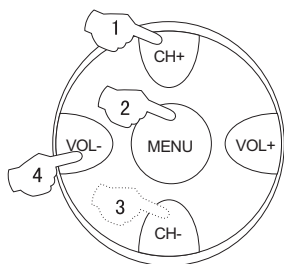
- VOL- button is used to search the lower frequency channel.
- VOL+ button is used to search the higher frequency channel.

Tuning(continued)

Skip



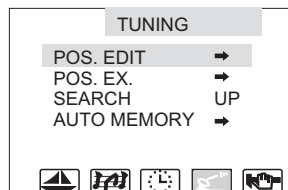
Direct-digit Choosing Button



Skip

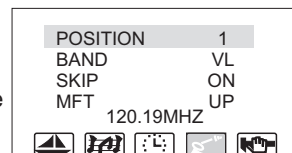
After the programs are presetted, you can skip some programs to select your favorite channels only.

1. Press MENU button continuously, until select TUNING menu.



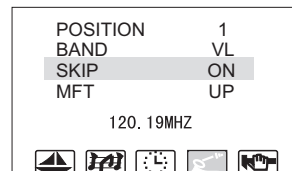
2. Press CH+/- button to select POS EDIT and VOL+ to enter.

3. Press CH+/- button to select POSITION and VOL+/- to select the channel (Take channel 1 for example)



4. Press CH+/- button and move the indicator to SKIP.

5. Press VOL+/- button to set it ON.



6. Press MENU button to close the menu. When you select channels with CH+/- button, this channel will be skipped. However, you can also use the Direct-digit Choosing button and Digit Select button on the remote control to select this channel directly.

If you want to recover the skipped channel

1. Use Direct-digit Choosing button to select the number of the channel to be recovered.
2. Do the above steps again.
3. Press VOL+/- button to set SKIP OFF.

Adjusting the Picture and the Sound

Multiple picture modes

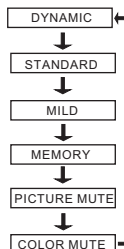
P.STD



How to select the picture mode

You may select the mode you want from the five preset modes and one individual mode.

Press the P. STD button to select a mode you like. DYNAMIC PICTURE, STANDARD PICTURE, MILD PICTURE, MEMORY, PICTURE MUTE and COLOR MUTE, totally six picture modes can be selected alternately.



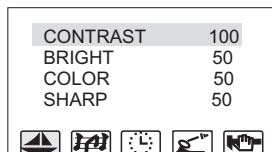
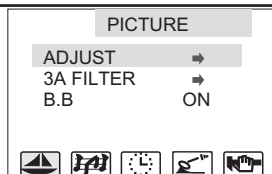
MODE	PICTURE QUALITY
DYNAMIC	BRIGHT COLOR
STANDARD	MEDIUM COLOR AND BRIGHTNESS
MILD	LOW COLOR AND BRIGHTNESS
MEMORY	SET BY YOURSELF
PICTURE MUTE	NO PICTURES
COLOR MUTE	BLACK AND WHITE PICTURE

If the picture mode is set to PICTURE MUTE or COLOR MUTE, it will autorenew to MEMORY mode when you restart your TV set with remote control.

Set the parameter of MEMORY

1. Press MENU button continuously until select PICTURE menu, press CH+/- to select ADJUST and VOL+/- to enter.

2. Press CH+/- button, move the indicator to the option you want to adjust, then press VOL+/- button to do the adjustment. Then the parameter will be automatically stored in MEMORY option.



OPTION	VOL+	VOL-
CONTRAST	STRONG	WEAK
BRIGHT	BRIGHT	DARK
COLOR	THICK	LIGHT
SHARP	SHARP	SOFT
TINT	PURPLE	GREEN

*The item of TINT appears when the N system signal is received, and you can adjust it by VOL-/+ button.

Adjusting the Picture and the Sound

(continued)

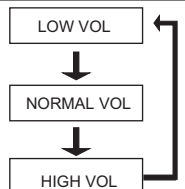
Multiple Sound Modes and Setting the Sound



How to select the sound mode

You can quickly select your most favored sound mode from the following three kinds of modes.

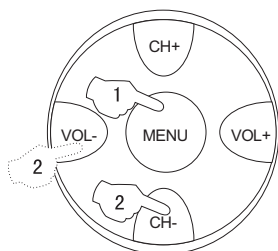
Press the S.STD button to select the sound quality that you want. LOW VOL/ NORMAL VOL/ HIGH VOL can be selected in turn (their parameter may be adjusted due to your need).



Setting the sound

This function can let you regulate the volume to the preconcerted parameter quickly (such as the LOW VOL/ NORMAL VOL/ HIGH VOL).

1. Press MENU button continuously until select SOUND menu.



2. Press CH+/- button, move the indicator to the HIGH VOL, then press VOL+/- button to adjust the parameter you expect. With the same method, you can adjust the parameter of the LOW VOL and NORMAL VOL.

SOUND	
LOW VOL	00
NORMAL VOL	00
HIGH VOL	00
BALANCE	50



- Suppose the LOW VOL is A, NORMAL VOL is B, HIGH VOL is C, they should be: $0 \leq A \leq B \leq C \leq 100$
- You should adjust them in the sequence of HIGH VOL, NORMAL VOL and LOW VOL.
- **BALANCE on this OSD is just available in some models.**

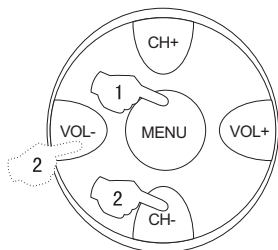


3. Press the S.STD button repeatedly to select the different sound setting modes.

Adjusting the Picture and the Sound

(continued)

S.C.C, auto off and mute



How to use the S.C.C(soft change channel)

- This TV set provides you with the function of S.C. C. When it is set "ON", the picture will fade in and fade out when the channel is changed.

1. Press MENU button continuously until select FUNCTION menu.

2. Press CH+/-button, move the indicator to the S.C.C, then press VOL+/-button to set it ON or OFF.

FUNCTION	
AUTO OFF	ON
S.C.C	OFF
CURTAIN	I
3A OPT	OFF

Auto off

- To prevent from forgetting turning off the TV, this TV could turn off automatically. That is , if the off timer is set on and after two hours without any operation, this TV will switch into standby mode automatically to save your energy.

How to use the MUTE function

When you want to pay attention to the environment or answer a telephone, or to meet guests, using the mute function is very convenient.

1. Press  button, a sign will appear at the bottom center of the screen, and the sound of the TV set is cutoff.



2. In order to recover the sound, press  button again or press VOL+/-button.

Setting the Timer

- This TV set provides you with three timer functions such as timer on, timer off and sleep off.

Timer off

Timer off

Using this function can turn the TV set automatically into standby status at the preconcerted time.

1. Press MENU button continuously until select TIMER menu, press VOL+/- to enter.

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS	0
APP. TIME	OFF
APP. POS	0
	

2. Press CH+/- button, move the indicator to OFF TIMER, then press VOL+/- button to set the time.

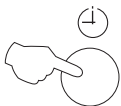
TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS	0
APP. TIME	OFF
APP. POS	0
	

3. Press CH+/- button, move the indicator to CLOCK, press VOL+/- button, and you can set the time (It will be the standard of the clock of timer on/off).

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS	0
APP. TIME	OFF
APP. POS	0
	

Setting the Timer (continued)

Sleep timer and on timer



Sleep timer

Using this function, the TV set can be changed into the standby status after a period of preset time from when this function is activated.

1. The utmost time for this function is 120 minutes, and the time interval is 10 minutes. There are totally 12 kinds of off-time.

SLEEP: OFF
↓
SLEEP: 120MIN.
↓
SLEEP: 110MIN.
↓
.....
↓
SLEEP: 20MIN.
↓
SLEEP: 10MIN.

2. Press the button repeatedly, the screen will show in turn as the right form.

On Timer

When this function is used, the TV set can automatically turn the power on at the preset time in the standby status and display the preset program.

1. Press MENU button continuously until select TIMER menu, press VOL+/- to enter.

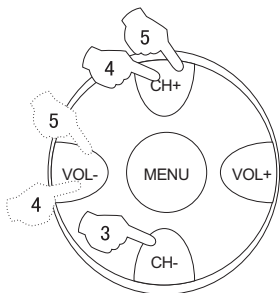
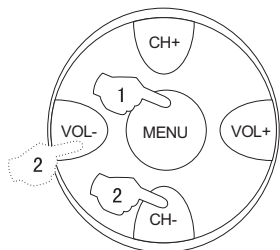
2. Press CH- button, move the indicator to ON TIMER. Then, press VOL+/- button to set the time.

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS	0
APP. TIME	OFF
APP. POS	0

3. Press CH+/- button, move the indicator to ON POS, press VOL+/- button to set the channel with which the TV is turned on (take 5 for example).

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS	0
APP. TIME	OFF
APP. POS	0

4. Press CH+/- button, move the indicator to CLOCK, press VOL+/- button, and you can set the time (same as OFF TIMER and it will be the standard of the clock of ON/OFF TIMER).



Setting the Timer (continued)

- The channels appointment function can help you conveniently preset as many as six programs at a time. At the preset time, the TV set will automatically change to the preconcerted channel. If two or more programs are set in a same time, the last channel number will be selected.

Channels appointment

Channels appointment

1. Press MENU button continuously until select **TIMER** menu, press VOL+/- to enter.

2. Press CH+/- button, move the indicator to **CLOCK**, press VOL+/- button, and you can set the time (same as OFF TIMER and it will be the standard of the clock of APP.TIME).

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS.	0
APP.TIME	OFF
APP.POS.	0

3. Press CH+/- button, move the indicator to **APP.POS.**

4. Press VOL+/- button to set the channel number you want (e.g. 100).

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS.	0
APP.TIME	OFF
APP.POS.	0

5. Press CH+/- button to enter the **APP.TIME** item. Press VOL+/- button to set the time.

- Repeatedly press VOL+/- button, the time changes with a rate of one minute;

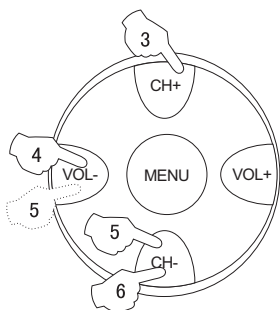
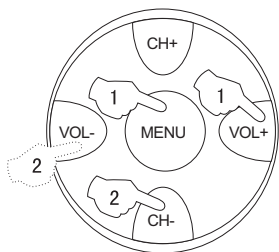
- Press the button without releasing, the time changes with a rate of ten minutes.

TIMER	
CLOCK	00:00
OFF TIMER	00:00
ON TIMER	OFF
ON POS.	0
APP.TIME	OFF
APP.POS.	0

6. Press the CH- button, and follow the instructions of step 4 and 5, you can do the setting of the next channel.

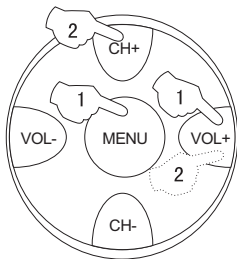
7. Press DISP button to exit the **TIMER** menu.

- At the preset time, the TV set will automatically change to the preconcerted channel;
- This function is available only when the TV set is on, and it cannot be used in the status of standby or power off.



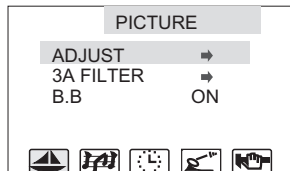
Setting the other Function

3A filter and screen protection

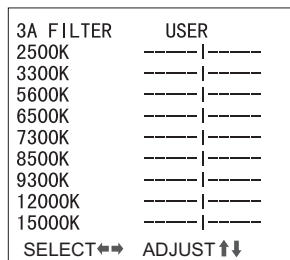


How to use the 3A filter function

1. Press MENU button continuously until select the PICTURE menu. Then press CH+/- button to move the indicator to 3A FILTER, and press VOL+/- button to enter

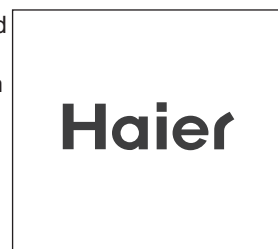
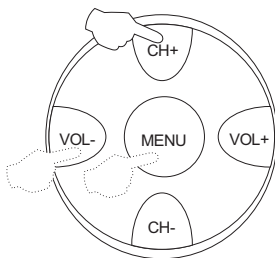


2. Press CH+/- to move the indicator to the item you want to adjust and then VOL+/- to adjust it.

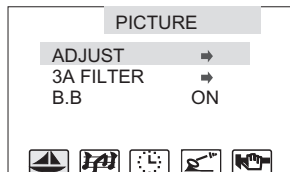


How to activate the function of screen protection

If no signal has been received by the TV set, when the B.B. function is set ON, the screen will change into the form on the right shows if the screen protection is set ON.

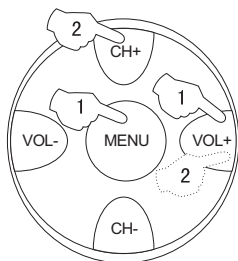


Press MENU button continuously until select the PICTURE menu. Then press CH+/- button to move the indicator to B.B, and press VOL+/- button to set it ON.



Setting the other Function(continued)

Curtain function,calendar display



How to use the Curtain function

- This TV set provides three types of Curtain function for you to select.

1. Press MENU button until select FUNCTION menu.

2. Press CH+/- button, and move the indicator to CURTAIN, then press VOL+/- button to select from I, II and III.

I: curtain

II : fade in and fade out

III: mixed I and II

FUNCTION	
AUTO OFF	ON
S.C.C	OFF
CURTAIN	I
3A OPT	OFF



CALENDAR

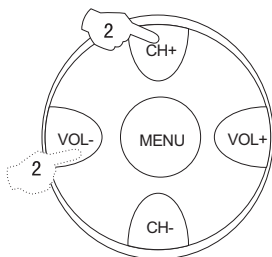


How to use the calendar function

- This TV set has been designed to store the calendar from the year 1901 to 2050.

1. Press the CALENDAR button and then the calendar will appear on the screen(Press the CALENDAR button again to conceal the display).

OCT 2002						
SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



2. Press CH+/- button to adjust the YEAR, press VOL+/- button to adjust the MONTH.

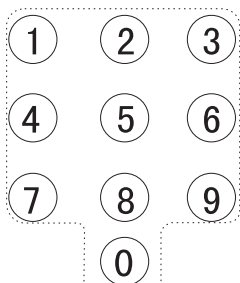
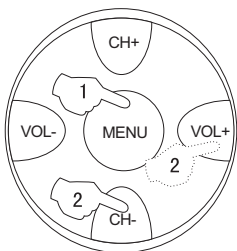
Setting the other Function(continued)

- The function of channel exchange will enable you to exchange any two programs and you can conveniently adjust the order of the programs due to your own need.

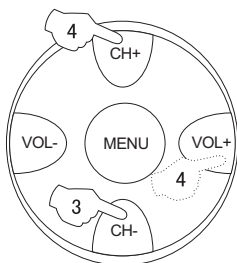
Channel exchange

Channel Exchange

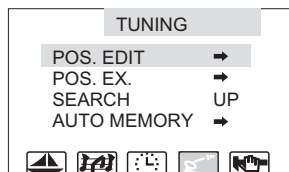
(for example, to change between channel1 and 9)



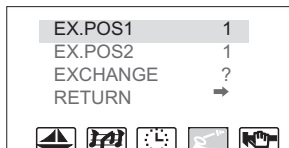
Direct-digit Choosing Button



1. Press MENU button continuously until select TUNING menu.

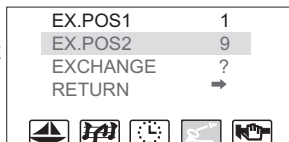


2. Press CH+/-button, move the indicator to POS.EX., Then press VOL+ button to enter the sub-menu.

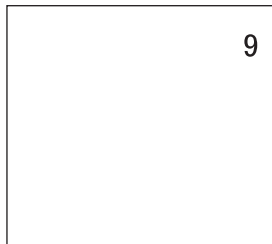


- The number shown in EX.POS1 and EX.POS2 is the number of the present channel.

3. Press CH+/- button, move the indicator to EX.POS2, then press VOL+ button to set the channel number to 9.



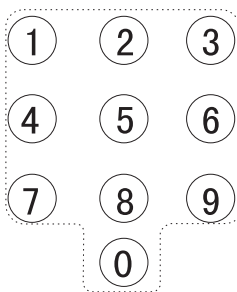
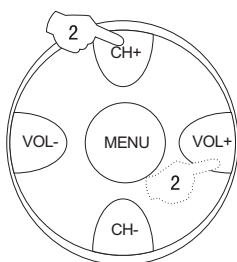
4. Press CH+/- button, move the indicator to EXCHANGE, then press VOL+ button to confirm. Then the programs of the two channel will be exchanged.



Setting the Lock

- This TV set provides you with the LOCK function, you can choose it due to your need to protect your TV set.

Changing your password



Direct-digit Choosing Button

Changing your password

This TV set can set a four digit password, the original one is 0000, if you want to reset it, please follow the instructions below.

1. Press LOCK button, the screen will show as the form on the right.

LOCK SET UP	
PASSWORD:	----
CHANGE PW.	➡
TUNING LOCK	OFF
PRESET PROG	OFF
AV LOCK	OFF
CHILD LOCK	OFF
MAX. VOLUME	OFF
UNLOCK	➡

2. Press the 0 button four times, and enter the menu of LOCK setting. Press CH+/- button and move the indicator to CHANGE PW., and press VOL+ button to enter the sub-menu of change password.

LOCK SET UP	
PASSWORD:	----
CHANGE PW.	➡
TUNING LOCK	OFF
PRESET PROG	OFF
AV LOCK	OFF
CHILD LOCK	OFF
MAX. VOLUME	OFF
UNLOCK	➡

3. Press the Direct-digit Choosing button and input a four-digits password.

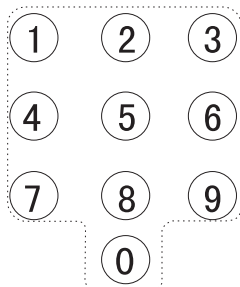
CHANGE PW.
NEW PW.: ----

4. After inputting the new password, return to the original status as shown on the right form, then, you can input the new password to enter the menu of LOCK setting.

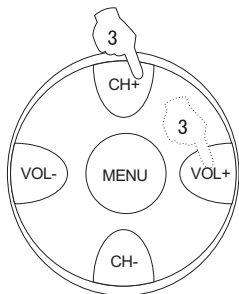
LOCK SET UP
PASSWORD: ----

Setting the Lock(continued)

Setting the Lock



Direct-digit Choosing Button



Setting the Lock

There are TUNING LOCK, PRESET PROG., AV LOCK, CHILD LOCK and MAX. VOLUME five lock setting, you can set it due to your need.

1. Press the LOCK button, the screen will show as the form on the right.

LOCK SET UP	
PASSWORD: ----	
CHANGE PW.	→
TUNING LOCK	OFF
PRESET PROG	OFF
AV LOCK	OFF
CHILD LOCK	OFF
MAX. VOLUME	OFF
UNLOCK	→

2. Press the Direct-digit Choosing button 0 for four times(or input the password you set), and enter the menu of LOCK.

LOCK SET UP	
PASSWORD: ----	
CHANGE PW.	→
TUNING LOCK	OFF
PRESET PROG	OFF
AV LOCK	OFF
CHILD LOCK	OFF
MAX. VOLUME	OFF
UNLOCK	→

3. Press CH+/- button, move the indicator to TUNING LOCK, then press VOL+ button to set it ON or OFF.

Note:

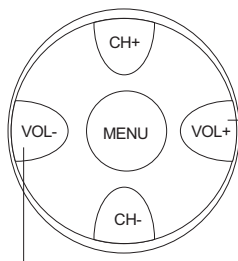
1. When the TUNING LOCK is set ON, if you want to enter the TUNING menu, you will have to type the password.
2. The PRESET PROG allows you to turn on the TV always with one channel.
3. When AV LOCK is set ON, AV cannot be used, hence the screen will change into black and indicate that it has been locked. The TV set will be in the state of mute.
4. When the CHILD LOCK is set ON, if the buttons on the TV are pressed, it will indicate that the TV set is in the status of CHILD LOCK, and the buttons won't work.
5. The MAX VOLUME allows you to set a figure of the top limit of volume.
6. The UNLOCK allows you to set all the lock to OFF .

Game

- This TV set provides you with the game, after entering the game, except the buttons that are appointed in the game(for example, the game button, CH+/-and MODE, etc.)and the DC Stand by button, the other buttons cannot be used.

Game control buttons and method of playing the game

Game control buttons



Used to confirm the digits

Used to select the score

MODE



To select the background when playing game

GAME



To start/restart the game

EXIT



To exit game

Method of playing the game

1. Press GAME button to start the game screen, then press VOL+ to select the score of BET(1-10)(the score will decrease as much as the value of BET). After these operation you could press VOL- to enter the game , the digits and flag will change quickly.

2. Press VOL+ to enter after select a digit(1-8), and then the selection of the second digit, press VOL+ again to start the second digit selection. REACH will display on the screen if 2 is also selected; and WIN will display on the screen if 2 is selected on the third position, and the score will also display on the screen.

3. You can press the GAME button to restart the game when it is game over or during the process of the game.

Note: WIN displays on the screen on the following condition, and the score is as following:

The three position	Score
Two 7(7 appears on two position)	5
Two flags	10
Three 7	200
Three flags	300
Three other digits except 7	100

1	5	▢
BET	00	POINT
SCORE 000200		POINT
←		→
START		BET

2	2	7
REACH		
BET	02	POINT
SCORE 000198		POINT
←		→
START		BET

2	2	7
WIN		
ODDS X		10
BET	02	POINT
SCORE 000198		POINT
←		→
START		BET

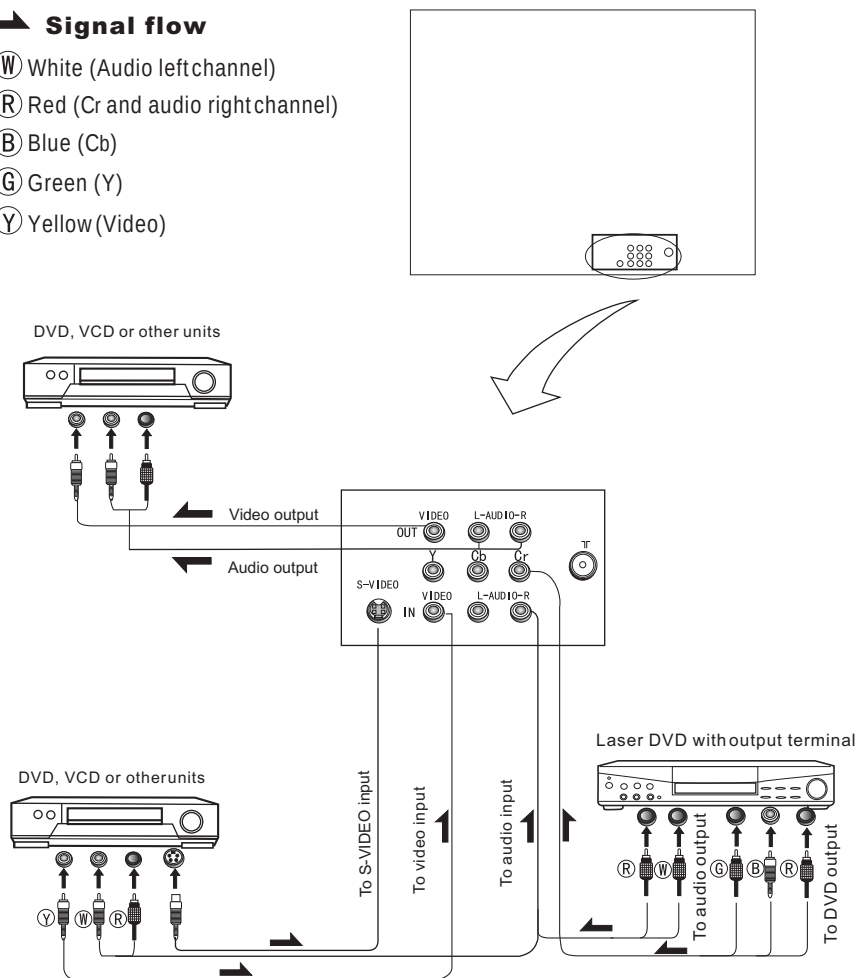
Connecting Additional Equipments

Connecting additional equipments

- You can connect the DVD,VCR and stereo system to the AV output to enjoy a higher quality of picture and sound effect.

Signal flow

- Ⓢ White (Audio leftchannel)
- Ⓡ Red (Cr and audio rightchannel)
- Ⓟ Blue (Cb)
- ⓖ Green (Y)
- Ⓨ Yellow (Video)



Note: About the S-VIDEO

- You should only connect S-VIDEO or VIDEO terminal when you use the first AV terminal . Do not connect the both at the same time .

Troubleshooting

*To assist in location possible faults use help guide below.

BREAKDOWN PHENOMENON		CHECKING
PICTURE	SOUND	
 Picture with snow	 Noise	The aerial direction and connection
 Double or Triple Image	 Normal	This is called ghosting which can be minimized with an outside aerial, and good quality cable and terminations. Altering the aerial direction can also minimize this effect.
 Disturb	 Noise	Electrical interference which can be caused by cars, motorbikes etc, Fluorescent lamps and dirty insulators on overhead power cables.
 Normal	 No sound	Volume, Sound mute
 No Picture	 No sound	Ensure that the power supply is connected to the TV set and turned on. Also ensure that the TV set is not in "PICTURE MUTE" or that the brightness and contrast are not turned down
 No color	 Normal volume	Adjust color control
 Scramble	 Normal or Weak Volume	Adjust channel again
 Color Spot	 Normal volume	Colour Purity fault which can be caused by moving the TV set, placing magnets near the TV screen or turning on/off house hold appliances such as vacuum cleaners near the TV set. Turn the TV off with the mains power switch for 15 minutes. When the power is turn on again the TV set will automatically degauss the picture. In server cases leave the TV set turned off over night.

Note:

- 1.If the fault can not be repaired using the above guide consult with your local authorized service center.
- 2.The TV set must only be repaired by a qualified registered service person. Never attempt to remove the back cover as the TV set has dangerous voltages in side that may cause a fatality or fire.
3. The cabinet may produce the occasional "snapping sound". This is normal and caused by the materials in the cabinet expanding with room temperature changes.

Specifications

*The specifications offered you here are only for reference and, with the improvement of the products ,there may be some different between the description and the practicality.

*Design and specifications are subject to change without notice.

Color system	PAL、AV NTSC3.58、NTSC4.43			
Sound system	DK(BG,I,M)			
Sound output power	2X3W	2X5W	2X7W	5W
Size (mm)	576 (W) x491 (D) x441 (H) (mm) 21FA1/21TA1/21FA1N			
	576 (W) x475 (D) x458 (H) (mm) 21F9K			
	603 (W) x475 (D) x430 (H) (mm) 21F9D/21T9D			
	615 (W) x489 (D) x452 (H) (mm) 21T5A			
	615 (W) x482 (D) x452 (H) (mm) 21F5A			
	615 (W) x330 (D) x453 (H) (mm) 21FA11			
	365 (W) x375 (D) x345 (H) (mm) HT-3728			
	424 (W) x344 (D) x343 (H) (mm) HT-3768			
	410 (W) x365 (D) x348 (H) (mm) 15F6B			
Accessories	612 (W) x494 (D) x452 (H) (mm) 21FA12/21SF1N			
	Remote control	X1		
	Owner's manual	X1		
	Warranty card	X1		
	Battery(AA)	X2		

- Sound output power may differ from different models and countries.
- Warranty card is only for the special country or area.

MODEL	Picture tube	Power consumption
HT-3728 HT-3768	14" color picture tube(the viewable dimension is 34cm)	≤ 60W
15F6B	15" color picture tube(the viewable dimension is 34cm)	≤ 70W
21FA11	21" color picture tube(the viewable dimension is 51cm)	≤ 130W
Other models	21" color picture tube(the viewable dimension is 51cm)	≤ 70W

Power supply input list

Country or Area	Power supply input
Saudi Arabia	~90-250V, 50/60Hz
Mongolia, Moldova, Cyprus, Russia, Turkmenstan, Ukraine, Latvia, Bulgaria	~150-250V, 50Hz
Jordan, Oman, UAE, Pakistan, Lebann, India, Yemen, Kuwait, Bahrain	~160-250V, 50/60Hz
Indonesia	~150-240V, 50Hz or ~90-240V, 50/60Hz
Philippine ,Srilanka	~150-240V, 50/60Hz
New Zealand, Australia,Malaysia	~150-250V, 50/60Hz
Hong Kong, Algeria, Nepal, Turkey	~220V, 50Hz
Yugoslavia	~220-230V, 50/60Hz
Korea	~90-240V, 50/60Hz

- The actual voltage and frequency of the TV set is different for the country or area.

Haier